

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )  
SHINODA et al. )  
Application Number: To Be Assigned )  
Filed: Concurrently Herewith )  
For: AUTOMOTIVE RADAR )  
ATTORNEY DOCKET NO. NITT.0330 )

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified National Stage U.S. patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

**CERTIFICATION**

This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

107 578768

AP20 Rec'd PCT/PTO 09 MAY 2006

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

---

Stanley P. Fisher  
Registration Number 24,344

---

Juan Carlos A. Marquez  
Registration No. 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

**May 9, 2006**

1AP20Rec'd PCT/PTO 09 MAY 2006

Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER NITT.0330	SERIAL NUMBER To be Assigned <b>10/578768</b>
	APPLICANT SHINODA et al.	
	FILING DATE Concurrently Herewith	GROUP

## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	2001/0026237 A1	10/4/2001	Okai et al.			1/19/2001

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						Yes	No
	2001-201557*	1/19/2000	Japan			Abstract	X
	09-051225	8/9/95	Japan			Abstract	X
	2001-326530	5/12/2000	Japan			Abstract	X
	2000-138527	10/29/98	Japan			Abstract	X
	08-274539	3/30/95	Japan			Abstract	X

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	J. R. James et al., "Handbook of Microstrip Antennas", published by Peter Peregrinus, Ltd., p. 980
	Makoto Ando et al., "Reflection and Transmission Coefficients of a Thin Strip Grating for Antenna Application", IEEE Transactions on Antennas and Propagation, Vol. AP-35, No. 4, April 1987, pp. 367-371
EXAMINER	DATE CONSIDERED
<i>EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant</i>	

PTO1449

\*Corresponds to U.S. Patent Publication No. 2001/0026237 A1 listed above